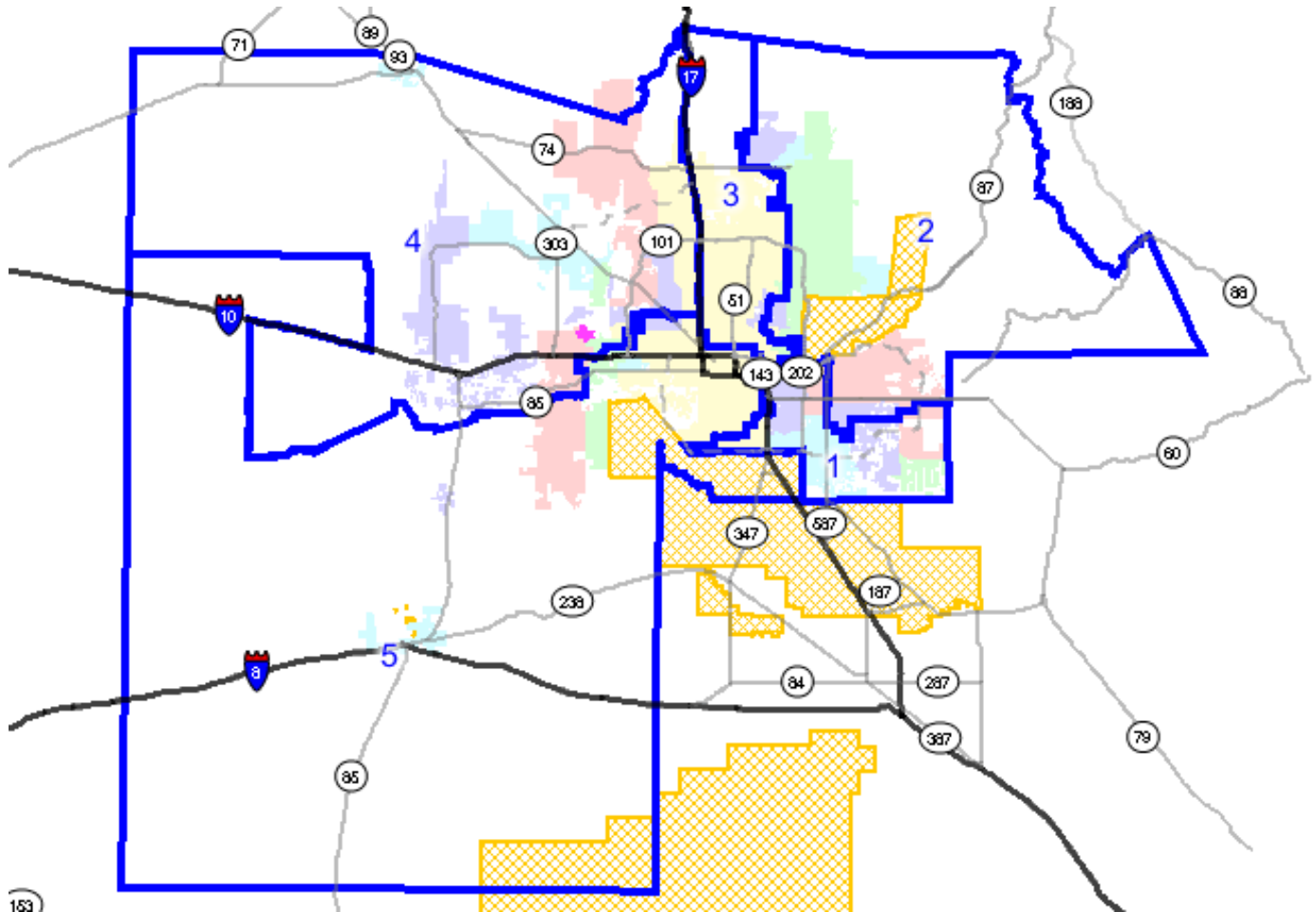


# Health Status Report for Board of Supervisors Districts



Prepared for the Maricopa County Board of Supervisors  
By the Maricopa County Department of Public Health  
Office of Epidemiology and Data Services  
July 2003



Maricopa County

## Introduction

The following report provides health status information for each Board of Supervisors District in Maricopa County. It includes data for 22 diseases and health indicators as well as information on the size and age distribution of the population.

For each disease or health indicator, the following information is provided:

- Number of cases in the district
  - Example: 24 people In District 1 have tuberculosis.
- Rate or percentage of cases in the district
  - Example: For every 100,000 residents of District 1, 3.9 have tuberculosis.
- Rate for Maricopa County (for comparison purposes)
  - Example: For every 100,000 residents of Maricopa County, 5.1 have tuberculosis.
- Rate for Healthy People 2010 (for comparison purposes)
  - The Centers for Disease Control and Prevention issued goals for the year 2010 for some disease and health indicators. Healthy People 2010 goals are included in this report as “gold standards” or goals for the future.
  - Example: The Healthy People 2010 goal for tuberculosis is a rate of 3.5 cases of tuberculosis per 100,000 people in the population.

All data in this report are for calendar year 2001.

**Selected Health Status Indicators for Board of Supervisors Districts**  
**Maricopa County 2001**  
**District 1**

<b>Population Statistics</b>				
	<b>District</b>		<b>Maricopa County</b>	
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
Population	621,301		3,192,125	
Age distribution				
Under 20 years old	180,177	29%	952,732	30%
20 - 44 years old	267,159	43%	1,235,101	39%
45 - 64 years old	111,834	18%	631,293	20%
65 and older	62,130	10%	372,998	12%
Dependency ratio	0.64		0.71	

**Health Statistics**

	<b>District</b>		<b>Comparisons</b>	
	<b>Number</b>	<b>Percent or Rate</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Natality</b>				
Low birthweight births (under 2500 grams)	778	7.2%	7.2	5.0 percent of live births
Births to teen mothers	945	8.8%	12.7	- percent of live births
Infant mortality	58	5.4	6.7	4.5 per 1,000 live births
Total births	10,774		55,624	

	<b>Rate per 100,000 Population</b>			
	<b>Number in District</b>	<b>Rate in District</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Morbidity</b>				
HIV	48	7.7	13.0	-
AIDS	43	6.9	10.6	1.0
Syphilis (Early)	15	2.4	30.9	13.6
Tuberculosis	24	3.9	5.1	3.5
Measles/Rubella	0	0.0	0.1	0.0
Pertussis	19	3.1	6.7	0.0
Hepatitis A	23	3.7	6.2	13.2
Food and waterborne diseases	113	18.2	27.5	-
Encephalitis and Meningitis	28	4.5	6.5	-

**Causes of Death**

Unintentional Injuries	196	31.5	43.8	17.5
Motor vehicle accidents	65	10.5	15.2	9.2
Drowning	12	1.9	1.8	0.9
Homicide	27	4.3	10.4	3.0
Suicide	34	5.5	8.2	5.0
Cancer	737	118.6	155.8	159.9
Heart Disease	894	143.9	190.1	-
Diabetes	79	12.7	17.8	7.8
All Other Causes	1,357	218.4	270.8	-
Total Deaths	3,324	535.0	713.9	-

For more information on data, see Appendix A.

**Selected Health Status Indicators for Board of Supervisors Districts**  
**Maricopa County 2001**  
**District 2**

<b>Population Statistics</b>				
	<b>District</b>		<b>Maricopa County</b>	
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
Population	633,295		3,192,125	
Age distribution				
Under 20 years old	177,323	28%	952,732	30%
20 - 44 years old	221,653	35%	1,235,101	39%
45 - 64 years old	139,325	22%	631,293	20%
65 and older	94,994	15%	372,998	12%
Dependency ratio	0.75		0.71	

**Health Statistics**

	<b>District</b>		<b>Comparisons</b>	
	<b>Number</b>	<b>Percent or Rate</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Natality</b>				
Low birthweight births (under 2500 grams)	607	6.8%	7.2	5.0 percent of live births
Births to teen mothers	808	9.1%	12.7	- percent of live births
Infant mortality	49	5.8	6.7	4.5 per 1,000 live births
Total births	8,916		55,624	

	<b>Rate per 100,000 Population</b>			
	<b>Number in District</b>	<b>Rate in District</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Morbidity</b>				
HIV	37	5.8	13.0	-
AIDS	34	5.4	10.6	1.0
Syphilis (Early)	20	3.2	30.9	13.6
Tuberculosis	9	1.4	5.1	3.5
Measles/Rubella	1	0.2	0.1	0.0
Pertussis	34	5.4	6.7	0.0
Hepatitis A	14	2.2	6.2	13.2
Food and waterborne diseases	106	16.7	27.5	-
Encephalitis and Meningitis	32	5.1	6.5	-

**Causes of Death**

Unintentional Injuries	232	36.6	43.8	17.5
Motor vehicle accidents	76	12.0	15.2	9.2
Drowning	9	1.4	1.8	0.9
Homicide	27	4.3	10.4	3.0
Suicide	59	9.3	8.2	5.0
Cancer	1,098	173.4	155.8	159.9
Heart Disease	1,299	205.1	190.1	-
Diabetes	121	19.1	17.8	7.8
All Other Causes	1,848	291.8	270.8	-
Total Deaths	4684	739.6	713.9	-

For more information on data, see Appendix A.

**Selected Health Status Indicators for Board of Supervisors Districts**  
**Maricopa County 2001**  
**District 3**

<b>Population Statistics</b>				
	<b>District</b>		<b>Maricopa County</b>	
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
<b>Population</b>	<b>631,519</b>		<b>3,192,125</b>	
<b>Age distribution</b>				
Under 20 years old	170,510	27%	952,732	30%
20 - 44 years old	252,607	40%	1,235,101	39%
45 - 64 years old	138,934	22%	631,293	20%
65 and older	69,467	11%	372,998	12%
<b>Dependency ratio</b>	<b>0.61</b>		<b>0.71</b>	

**Health Statistics**

	<b>District</b>		<b>Comparisons</b>	
	<b>Number</b>	<b>Percent or Rate</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Natality</b>				
Low birthweight births (under 2500 grams)	744	7.4%	7.2	5.0 percent of live births
Births to teen mothers	1,233	12.3%	12.7	- percent of live births
Infant mortality	66	6.6	6.7	4.5 per 1,000 live births
Total births	10,064		55,624	

	<b>Rate per 100,000 Population</b>			
	<b>Number in District</b>	<b>Rate in District</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Morbidity</b>				
HIV	121	19.2	13.0	-
AIDS	120	19.0	10.6	1.0
Syphilis (Early)	81	12.8	30.9	13.6
Tuberculosis	36	5.7	5.1	3.5
Measles/Rubella	0	0.0	0.1	0.0
Pertussis	40	6.3	6.7	0.0
Hepatitis A	30	4.8	6.2	13.2
Food and waterborne diseases	147	23.3	27.5	-
Encephalitis and Meningitis	37	5.9	6.5	-

**Causes of Death**

Unintentional Injuries	296	46.9	43.8	17.5
Motor vehicle accidents	92	14.6	15.2	9.2
Drowning	11	1.7	1.8	0.9
Homicide	55	8.7	10.4	3.0
Suicide	58	9.2	8.2	5.0
Cancer	939	148.7	155.8	159.9
Heart Disease	1,220	193.2	190.1	-
Diabetes	120	19.0	17.8	7.8
All Other Causes	1,781	282.0	270.8	-
Total Deaths	4,469	707.7	713.9	-

For more information on data, see Appendix A.

**Selected Health Status Indicators for Board of Supervisors Districts**  
**Maricopa County 2001**  
**District 4**

<b>Population Statistics</b>				
	<b>District</b>		<b>Maricopa County</b>	
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
Population	654,194		3,192,125	
Age distribution				
Under 20 years old	189,716	29%	952,732	30%
20 - 44 years old	235,510	36%	1,235,101	39%
45 - 64 years old	130,839	20%	631,293	20%
65 and older	98,129	15%	372,998	12%
Dependency ratio	0.79		0.71	

**Health Statistics**

	<b>District</b>		<b>Comparisons</b>	
	<b>Number</b>	<b>Percent or Rate</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Natality</b>				
Low birthweight births (under 2500 grams)	750	7.2%	7.2	5.0 percent of live births
Births to teen mothers	1,152	11.0%	12.7	- percent of live births
Infant mortality	65	6.2	6.7	4.5 per 1,000 live births
Total births			55,624	

	<b>Rate per 100,000 Population</b>			
	<b>Number in District</b>	<b>Rate in District</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Morbidity</b>				
HIV	56	8.6	13.0	-
AIDS	50	7.6	10.6	1.0
Syphilis (Early)	35	5.4	30.9	13.6
Tuberculosis	25	3.8	5.1	3.5
Measles/Rubella	0	0.0	0.1	0.0
Pertussis	39	6.0	6.7	0.0
Hepatitis A	23	3.5	6.2	13.2
Food and waterborne diseases	155	23.7	27.5	-
Encephalitis and Meningitis	66	16.1	6.5	-

**Causes of Death**

Unintentional Injuries	281	43.0	43.8	17.5
Motor vehicle accidents	85	13.0	15.2	9.2
Drowning	10	1.5	1.8	0.9
Homicide	53	8.1	10.4	3.0
Suicide	53	8.1	8.2	5.0
Cancer	1,415	216.3	155.8	159.9
Heart Disease	1,715	262.2	190.1	-
Diabetes	134	20.5	17.8	7.8
All Other Causes	2,618	400.2	270.8	-
Total Deaths	6,269	958.3	713.9	-

For more information on data, see Appendix A.

**Selected Health Status Indicators for Board of Supervisors Districts**  
**Maricopa County 2001**  
**District 5**

<b>Population Statistics</b>				
	<b>District</b>		<b>Maricopa County</b>	
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
Population	651,817		3,192,125	
Age distribution				
Under 20 years old	241,172	37%	952,732	30%
20 - 44 years old	267,245	41%	1,235,101	39%
45 - 64 years old	104,291	16%	631,293	20%
65 and older	39,109	6%	372,998	12%
Dependency ratio	0.75		0.71	

**Health Statistics**

	<b>District</b>		<b>Comparisons</b>	
	<b>Number</b>	<b>Percent or Rate</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Natality</b>				
Low birthweight births (under 2500 grams)	1,125	7.4%	7.2	5.0 percent of live births
Births to teen mothers	2,927	19.2%	12.7	- percent of live births
Infant mortality	126	8.3	6.7	4.5 per 1,000 live births
Total births	15,265		55,624	

	<b>Rate per 100,000 Population</b>			
	<b>Number in District</b>	<b>Rate in District</b>	<b>Maricopa County</b>	<b>Healthy People 2010</b>
<b>Morbidity</b>				
HIV	115	17.6	13.0	-
AIDS	104	16.0	10.6	1.0
Syphilis (Early)	189	29.0	30.9	13.6
Tuberculosis	62	9.5	5.1	3.5
Measles/Rubella	0	0.0	0.1	0.0
Pertussis	72	11.0	6.7	0.0
Hepatitis A	41	6.3	6.2	13.2
Food and waterborne diseases	240	36.8	27.5	-
Encephalitis and Meningitis	43	6.6	6.5	-

**Causes of Death**

Unintentional Injuries	339	52.0	43.8	17.5
Motor vehicle accidents	153	23.5	15.2	9.2
Drowning	16	2.5	1.8	0.9
Homicide	150	23.0	10.4	3.0
Suicide	49	7.5	8.2	5.0
Cancer	712	109.2	155.8	159.9
Heart Disease	888	136.2	190.1	-
Diabetes	111	17.0	17.8	7.8
All Other Causes	1,389	213.1	270.8	-
Total Deaths	3,638	558.1	713.9	-

For more information on data, see Appendix A.

## Appendix A - Data Notes

### Population Statistics

All data are for calendar year 2001. The overall population estimate for Maricopa County for 2001 is 3,192,125, according to the U.S. Census. This includes a growth rate of approximately 3.9% over the previous year's figure.

In order to estimate the population in each district, Year 2000 figures for each district were obtained from the Maricopa County Board of Elections. The growth rate (approximately 3.9%) was then applied to each district's 2000 figures. This method assumes that all districts grew at the same rate in the past year, which may or may not represent actual growth rates but serves as a reasonable estimate.

Dependency Ratio: In this report, the dependency ratio is the number of people in the district who are under 20 or over 64 years of age divided by the number of people in the district whose age is between 20 and 64. The larger the dependency ratio, the greater the dependence of those usually outside the labor force (less than 20 and over 64 years old) upon those in it (20 to 64 years old). Dependency ratios in other publications may be calculated differently.

Geographic boundaries: The 2001 data presented in this report are not completely comparable to those reported for the year 2000. This is because the methodology used to define geographic boundaries was different in the two reports. Zip code boundaries and district boundaries do not always coincide, thus many zip codes cover parts of more than one district.

In this 2001 report the data from the following zip codes were divided in a mutually exclusive manner between two districts.

85008	85034	85086	85226	85301	85326
85015	85037	85087	85251	85303	85331
85018	85045	85201	85253	85305	85338
85027	85048	85208	85257	85322	85343
85029	85085	85210	85262	85323	85354

In the previous report the data for the year 2000 for these same zip codes were assigned in their totality to both districts, thus counting these data twice.

### Health Statistics

All data are for calendar year 2001. The category "encephalitis and meningitis" includes amoebic, bacterial, and viral meningitis cases. "Motor vehicle accidents" and "drowning" are subsets of the unintentional injury category.

Healthy People 2010: The Centers for Disease Control and Prevention provide Healthy People 2010 goals for only some diseases. A "-" indicates that no goal has been set for that indicator. In contrast, a "0" indicates that the goal is zero.

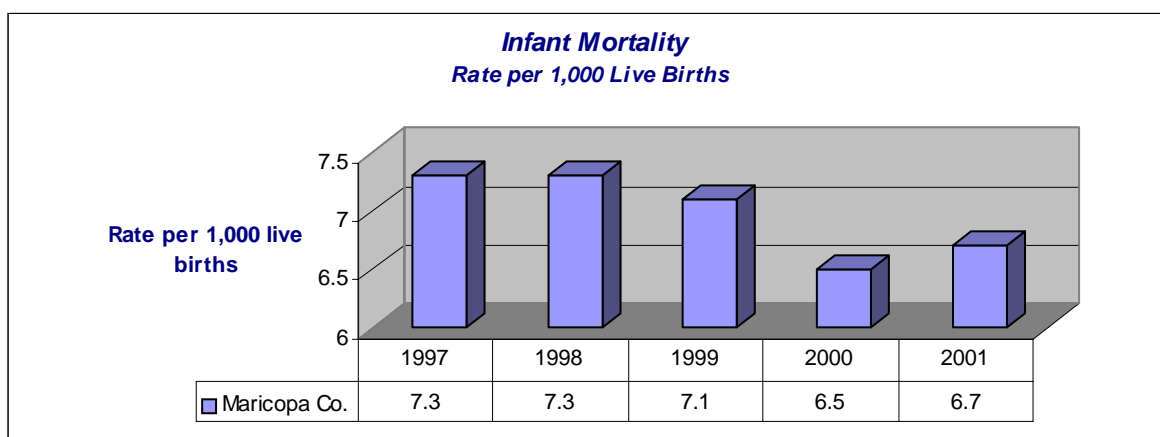
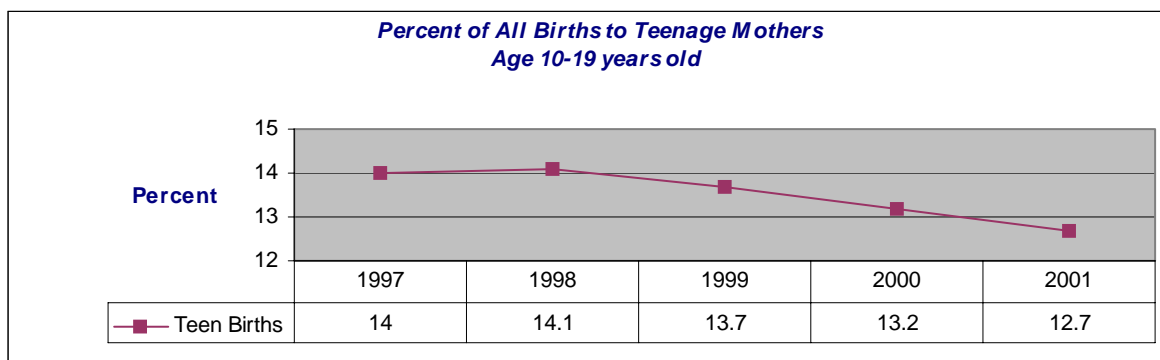
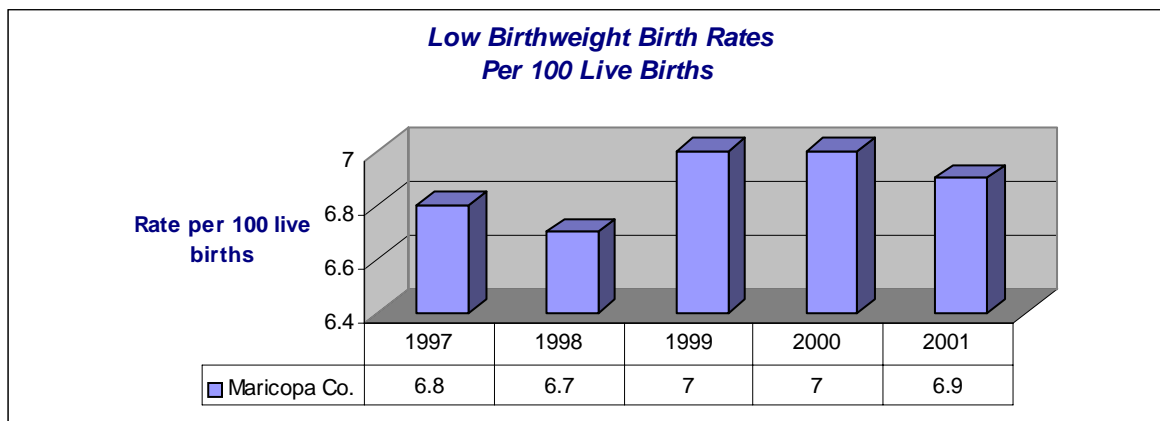
Geographic boundaries: See method used for population statistics, above.

For some births, deaths and disease cases, there is no corresponding zip code information. This makes it impossible to assign the birth, death, or disease case to a district. These individuals will appear in the Maricopa County total counts, but not in the counts for any particular district.

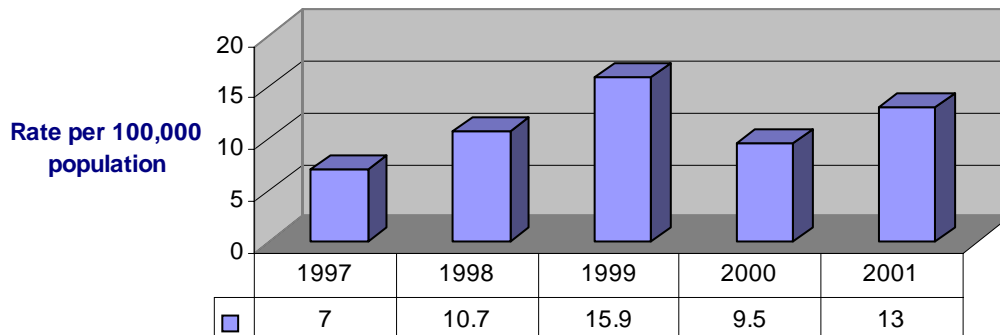


## Appendix B – Total Maricopa County Data 1997-2001

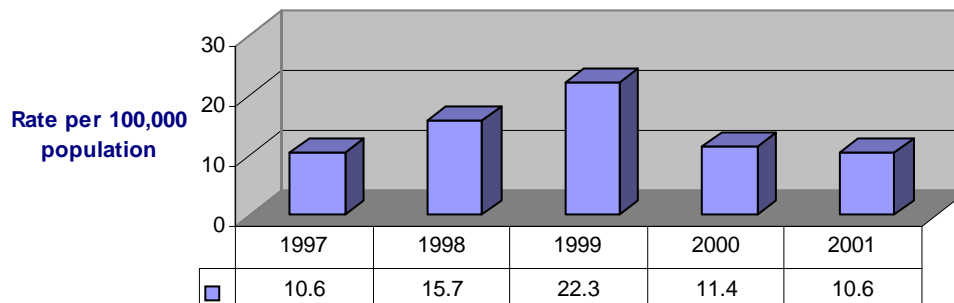
The following graphs show natality, morbidity and mortality information for Maricopa County (all districts combined) for the years 1997 through 2001. All data shown are from the *Health Status Report 1997-2001 Preliminary Analysis*, published by the Maricopa County Department of Public Health, November 2002. Some changes in mortality rates may be artifactual because the manner of coding certain deaths changed radically with the implementation of ICD-10 in the year 2000. In addition, 1999 population estimates may have been too small.



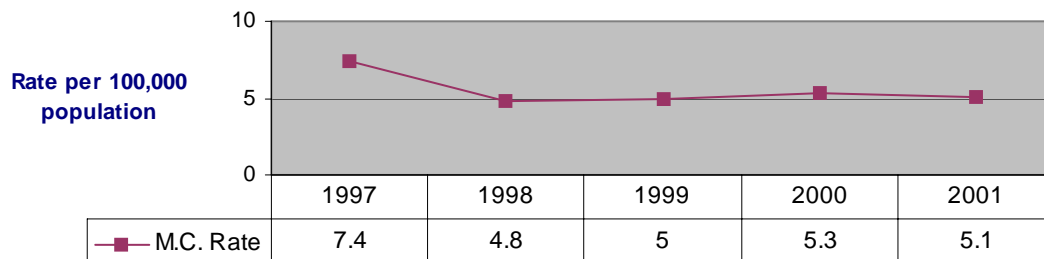
**HIV Cases Reported**  
Rate per 100,000 Population



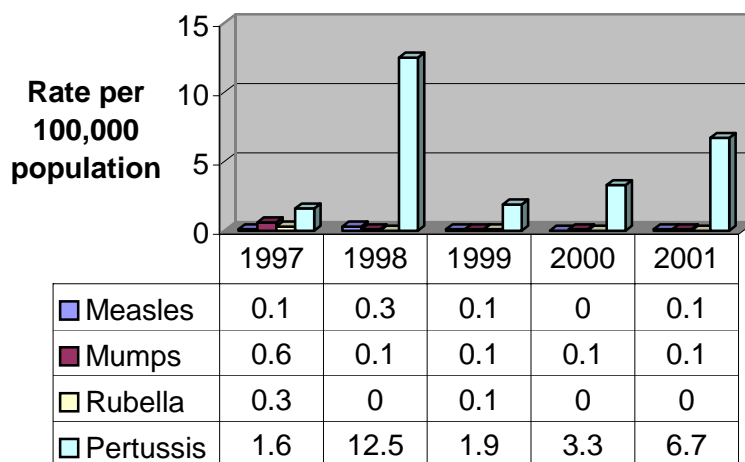
**AIDS Cases Reported**  
Rate per 100,000 Population



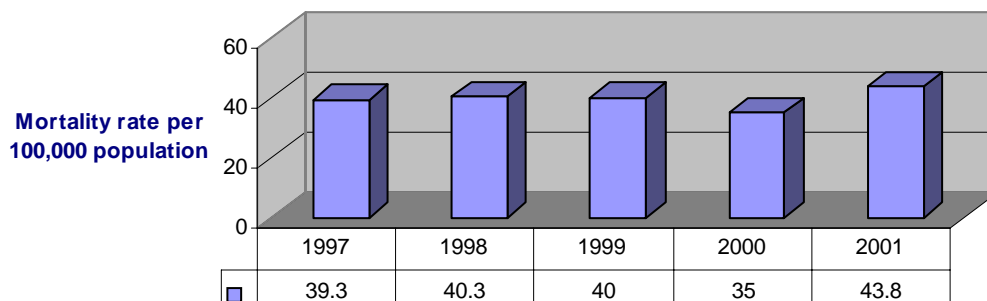
**Tuberculosis Case Rates**  
Rate per 100,000 Population



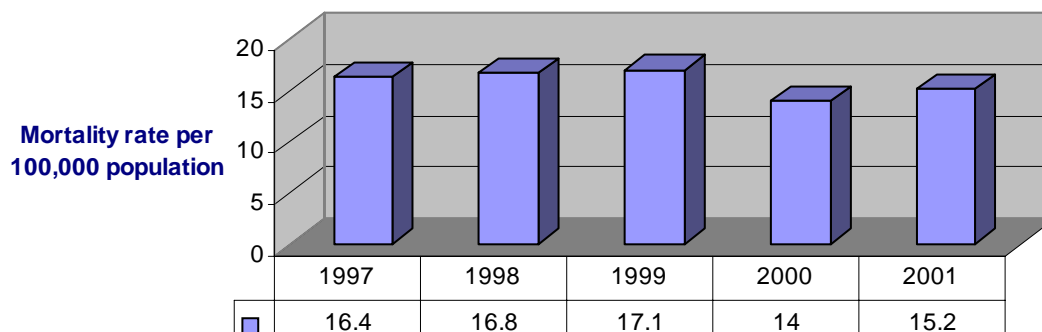
***Rates of Vaccine Preventable Disease  
Rate per 100,000 Population***



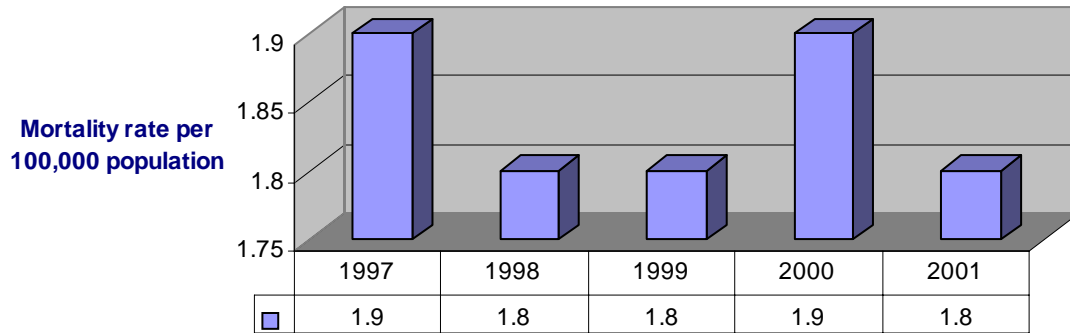
***Unintentional Injury Deaths  
Mortality Rate per 100,000 Population***



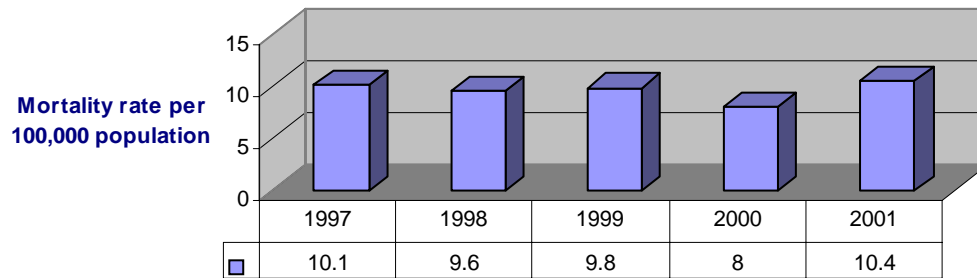
***All Motor Vehicle Deaths  
Mortality Rate per 100,000 Population***



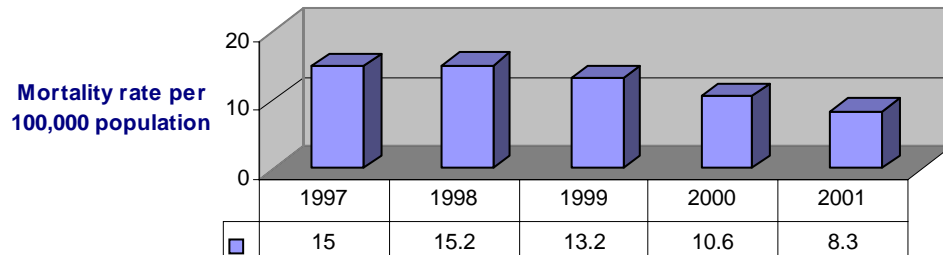
### ***Drowning Deaths*** ***Mortality Rate per 100,000 Population***



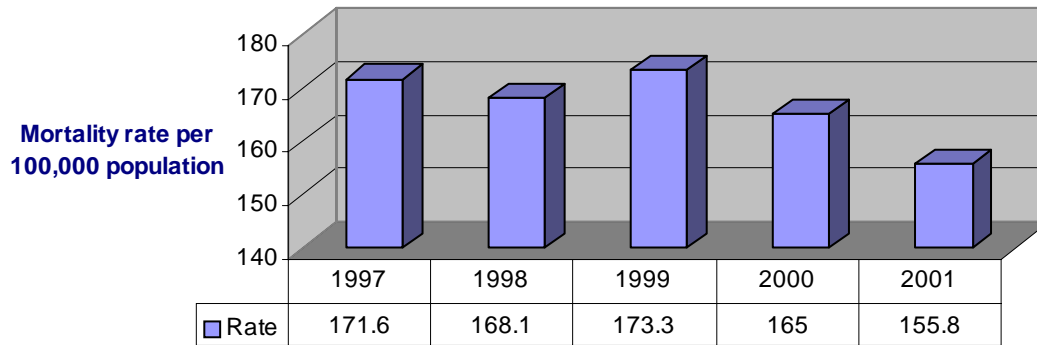
### ***Homicides*** ***Mortality Rate per 100,000 Population***



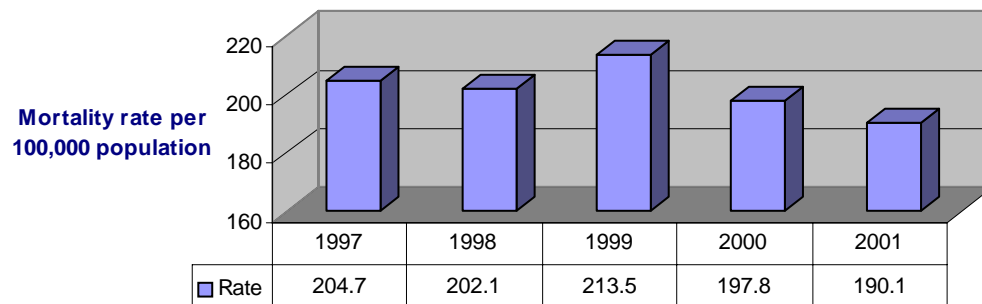
### ***Suicide Deaths*** ***Mortality Rate per 100,000 Population***



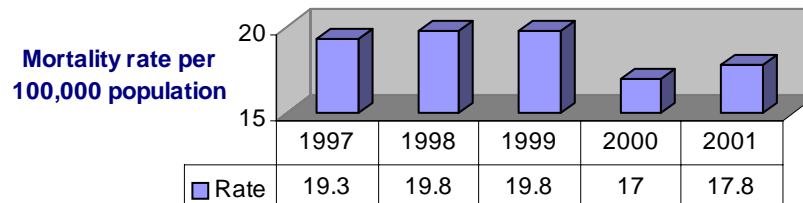
### **All Cancer Deaths** *Mortality Rate per 100,000 Population*

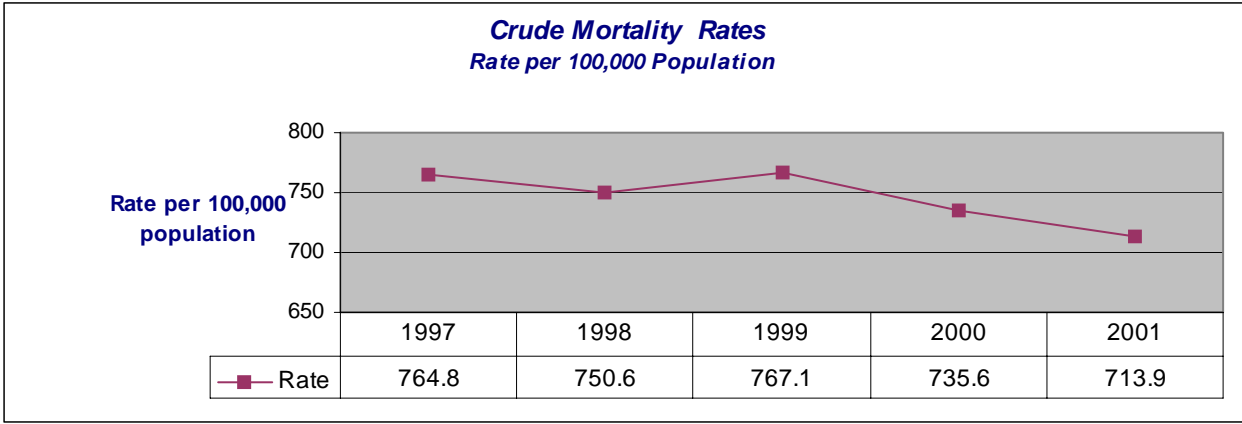


### **Heart Disease Deaths** *Mortality Rate per 100,000 Population*



### **Diabetes Deaths** *Mortality Rate per 100,000 Population*





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File: HSR 2001 Data – Word Final-with graphics  
M.S./J.C.